

Remarks

The Examiner is thanked for the Final Action dated August 29, 2002 and the Advisory Action mailed on December 16, 2002. The remarks to follow are intended to be fully responsive thereto.

The Examiner rejected claims 1-12 under 35 USC § 102(e) as being anticipated by Asakura et al. Applicant respectfully disagrees.

Applicant maintains that Asakura fails to disclose an "insert ...at least partly implanted into a thickness e of the glazing...[where the insert is] formed of a material that substantially reflects the beam (F1)..., wherein said beam travels from said means for emitting to said one face of the glazing without passing through said insert." The light emitting diode 50 in Asakura emits a beam that passes through an insert. The insert used in Asakura is a combination of an entrance hologram 30 and an exit hologram 40. The entrance hologram reflects the beam prior to reflecting off the glazing. In the present application, a first diode emits a light beam intended to be reflected by the front face of the glazing. The insert in the present invention reflects the beam between the surface of the windscreen and that of the insert. The beam travels from the emitting source to the glazing face without first penetrating through the insert. See page 8, line 11 to page 9, line 16 of the original specification. Because the prior art allows the beam to penetrate the insert before reaching the glazing face, any rejection under 35 USC § 102 is improper.

The Examiner indicated that pending claim 13 is allowable. In an effort to expedite prosecution, Applicant has cancelled claims 1-3 and Applicant has amended claims 4-11 to depend from allowable claim 13.

It is believed that the pending claims define the invention over the prior art and notice that effect is warranted. Should the Examiner believe further discussion regarding the above claim language would expedite prosecution they are invited to contact the undersigned at the number listed below.

Respectfully Submitted,



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APPENDIX OF AMENDMENTS

IN THE CLAIMS

Please cancel claim 1-3.

Please amend claims 4-11 as follows.

4. Device according to Claim [1] 13, characterized in that the receiving means include at least 30 one sensor (R) for detecting the said beam part returned, and applied against one of the faces (AR) of the glazing.

5. Device according to Claim [1] 13, characterized in that the receiving means include at least one sensor (R) for detecting [the] said beam part reflected, and implanted into the thickness (e) of the glazing.

6. Device according to Claim 5, characterized in that the emitting means (E1, E2) are configured to emit a first electromagnetic beam (F1) intended to be at least partly returned by a front face (AV) of the glazing, as well as a second beam (F2) intended to be at least partly returned by a rear face (AR) of the glazing, with a view to detecting foreign substances (G, B) on the front and/or rear faces of the glazing (1).

7. Device according to Claim 6, characterized in that the module (20) includes at least one insert (11, 12) in the thickness (e) of the glazing, equipped with a first reflecting surface (81; 811) opposite the front face (AV), and with a second reflecting surface (82; 812) opposite the rear face (AR), while the receiving means (R) are configured to receive at least parts of the first (F1) and second (F2) beams, which are reflected respectively by the front (AV) and rear (AR) faces.

8. Device according to Claim 7, characterized in that the emitting means include first and second sources (E1, E2) suitable for emitting the said first and second beams (F1, F2) respectively, while the receiving means include a sensor (R) for detecting the reflected parts of the first and second beams; and in that the first and second sources, as well as the said sensor, are applied against the same face (AR) of the 30 glazing.

9. Device according to Claim [1] 13, characterized in that the module (20) includes a luminous-flux sensor[, especially a solar-flux sensor,] inserted into the thickness (e) of the glazing.

10. Device according to Claim [1] 13, characterized in that, the [said] glazing [comprising] comprises a spacer (11) of chosen thickness (e'), [the] said module (20) is at least partly implanted into the thickness (e') of the said spacer (11).

11. Glazing of a vehicle, [especially an automobile,] characterized in that it includes, in its thickness, an insert (11, 12) of a detection device according to Claim [1] 13.